1988
MONTANA

1988–89 MOUNTAIN LION HUNTING, HARVEST AND CHASE REPORT
1988–89 TRAPPING AND FUR HARVEST REPORT

Montana Department of
Fish, Wildlife & Parks

Montana State Library
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MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1988-1989 MOUNTAIN LION HUNTING, HARVEST AND CHASE REPORT

JANUARY 4, 1990

Montana State Library
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PREFACE

Survey Approach

A mountain lion hunting, harvest, and chase questionnaire was mailed to all 1988 mountain lion license holders. Questionnaires were returned from 702 (53%) of the 1,320 people who purchased a mountain lion license. Expanded estimates of hunting, harvest and chase activities were made from the returned sample. Frequency distributions were calculated for answers to the hunting and harvest questions.

Definitions

TOTAL WHO HUNTED.....	Total number who hunted lions whether or not they also chased lions
TOTAL WHO HUNTED ONLY.....	Total number who hunted lions but did not chase lions
TOTAL WHO CHASED.....	Total number who chased lions whether or not they also hunted lions
TOTAL WHO CHASED ONLY.....	Total number who chased lions but did not hunt lions
TOTAL WHO HUNTED OR CHASED...	Total number who did something; hunted and/or chased lions
TOTAL WHO HUNTED AND CHASED..	Total number who did both; hunted and chased lions

Explanations

The relative precision of the estimate increases with the size of the estimate. Regional estimates have greater relative precision than district estimates and the statewide estimates have the greatest relative precision.

All valid response data were used in the estimates even when some data fields were missing. This is the reason for the unknown categories given in the report. Chase activity in an unknown or invalid hunting district within a valid region is represented as "RXX" where R is the regional number 1 through 7. An unknown district in an unknown region is represented as "XXX". The unknown district or region activities are still incorporated into the regional or state totals respectively.

All estimates represented are rounded to the nearest whole number. It is for this reason that sums calcualted from the report do not always agree exactly with the totals given.

HUNTERS, HUNTER DAYS, AND HARVEST

QUESTION 1:

Was this your first Montana lion hunting license? (circle) YES NO

QUESTION 1 ANSWERS:

ANSWER	FREQUENCY	PERCENT
YES	464	36.81
NO	797	63.19
TOTAL	1262	

QUESTION 2:

Did you hunt lions during this 1988-89 lion hunting season? YES NO

QUESTION 2 ANSWERS:

ANSWER	FREQUENCY	PERCENT
YES	673	51.00
NO	647	49.00
TOTAL	1320	

HUNTERS, HUNTER DAYS, AND HARVEST

QUESTION 3:

Which of the following statements best describes you as a lion hunter this season. (circle only one)
a) I hunted lions without the use of dogs.
b) I hunted lions with my own dogs and I do not charge others to go hunting with me.
c) I hunted lions with a friend who had dogs and did not pay for any services.
d) I hunted lions with a licensed outfitter and paid for the services.
e) I am either an outfitter or work for an outfitter and charge clients to hunt.
f) Other. Please explain:

QUESTION 3 ANSWERS:

ANSWER	FREQUENCY	PERCENT
a	75	10.34
b	261	35.92
c	244	33.59
d	66	9.04
e	43	5.94
f	38	5.17
TOTAL	728	

QUESTION 4:

If you own dogs, how many did you hunt with this year?

QUESTION 4 ANSWERS:

ANSWER	FREQUENCY	PERCENT
0	2	0.61
1	68	21.95
2	115	37.20
3	77	25.00
4	26	8.54
5	8	2.44
6	8	2.44
7	2	0.61
10	2	0.61
13	2	0.61
TOTAL	308	

HUNTERS, HUNTER DAYS, AND HARVEST

QUESTION 5:

How many days did you go out to look for tracks but did not hunt? (note: be sure to include the times you found tracks but did not hunt them.)

QUESTION 5 ANSWERS:

ANSWER	FREQUENCY	PERCENT
1	70	10.98
2	58	9.20
3	71	11.28
4	62	9.79
5	53	8.31
6	49	7.72
7	32	5.04
8	36	5.64
9	11	1.78
10	51	8.01
11	2	0.30
12	15	2.37
13	6	0.89
14	17	2.67
15	15	2.37
16	6	0.89
17	4	0.59
18	2	0.30
19	2	0.30
20	24	3.86
21	2	0.30
22	2	0.30
23	2	0.30
24	4	0.59
25	8	1.19
26	2	0.30
27	2	0.30
29	2	0.30
30	9	1.48
35	8	1.19
40	4	0.59
45	4	0.59
46	2	0.30
TOTAL	634	

HUNTERS, HUNTER DAYS, AND HARVEST

QUESTION 7:

Did you kill a lion this (1988-89) season? (circle) YES NO

QUESTION 7 ANSWERS:

ANSWER	FREQUENCY	PERCENT
YES	169	12.82
NO	1151	87.18
TOTAL	1320	

QUESTION 8:

If so, was it a: (circle) MALE or FEMALE

QUESTION 8 ANSWERS:

ANSWER	FREQUENCY	PERCENT
MALE	118	70.79
FEMALE	49	29.21
TOTAL	167	

QUESTION 9:

How old was the lion?

QUESTION 9 ANSWERS:

ANSWER	FREQUENCY	PERCENT
2	11	12.77
3	19	21.28
4	28	31.91
5	15	17.02
6	6	6.38
7	6	6.38
10	4	4.26
TOTAL	88	

CHASE STATISTICS

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/ HUNTER	AVERAGE HOURS/ CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/ CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	TOTAL TREED LIONS			
										MALES	FEMALES	YOUNG	UNKNOWN
100	15	32	434	2.1	13.6	53	1.6	9	21	8	11	11	2
101	13	19	102	1.4	5.4	17	0.9	13	4	2	2	0	0
102	8	38	164	5.0	4.3	41	1.1	0	38	13	24	4	0
103	21	43	126	2.1	2.9	51	1.2	19	24	11	8	6	6
110	15	26	88	1.8	3.4	36	1.4	8	19	6	11	8	2
120	6	17	64	3.0	3.8	19	1.1	0	17	4	11	4	0
121	19	34	139	1.8	4.1	34	1.0	8	26	17	9	0	0
122	9	24	68	2.6	2.8	41	1.7	4	21	8	9	21	0
123	17	23	83	1.3	3.7	23	1.0	8	15	13	2	0	0
130	17	34	130	2.0	3.8	47	1.4	8	26	6	19	6	4
140	2	2	4	1.0	2.0	4	2.0	0	2	0	0	0	4
141	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
150	2	2	4	1.0	2.0	2	1.0	0	2	0	2	0	0
151	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
170	4	4	13	1.0	3.5	4	1.0	0	4	2	2	0	0
1XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 1	109	297	1418	2.7	4.8	370	1.2	75	218	88	111	58	17

CHASE STATISTICS

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/ HUNTER	AVERAGE HOURS/ CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/ CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	TOTAL TREED LIONS			
										MALES	FEMALES	YOUNG	UNKNOWN
200	2	2	2	1.0	1.0	2	1.0	0	2	2	0	0	0
201	23	53	130	2.3	2.5	64	1.2	17	36	17	15	13	0
202	21	39	107	1.9	2.7	43	1.1	0	39	15	21	8	4
203	28	60	164	2.1	2.7	100	1.7	15	43	15	24	23	9
204	13	13	19	1.0	1.4	15	1.1	2	11	2	6	4	2
210	13	17	51	1.3	3.0	15	0.9	9	6	4	2	0	0
211	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
212	6	6	4	1.0	0.7	4	0.7	0	4	4	0	0	0
213	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
214	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
215	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
216	6	6	24	1.0	4.3	6	1.0	4	2	0	2	0	0
240	30	45	160	1.5	3.5	45	1.0	26	19	11	8	2	0
250	15	30	96	2.0	3.2	28	0.9	8	21	11	9	0	0
260	2	4	21	2.0	5.5	6	1.5	4	0	0	0	0	0
261	2	2	26	1.0	14.0	2	1.0	2	0	0	0	0	0
270	4	8	30	2.0	4.0	9	1.3	2	4	2	2	4	0
280	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
281	15	24	109	1.6	4.5	32	1.3	17	8	8	0	0	0
282	2	2	2	1.0	1.0	2	1.0	0	2	0	0	2	0
283	15	36	86	2.4	2.4	47	1.3	13	23	6	11	23	9
284	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
285	11	23	98	2.0	4.3	26	1.2	6	17	15	6	0	0
290	2	2	4	1.0	2.0	2	1.0	2	0	0	0	0	0
291	2	2	0	1.0	0.0	0	0.0	0	0	0	0	0	0
292	13	17	39	1.3	2.3	17	1.0	4	11	4	8	2	0
293	13	13	68	1.0	5.1	13	1.0	4	8	4	4	2	2
2XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 2	152	402	1239	2.6	3.1	478	1.2	134	254	118	117	81	26

CHASE STATISTICS

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/ HUNTER	AVERAGE HOURS/ CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/ CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	TOTAL TREED LIONS			
										MALES	FEMALES	YOUNG	UNKNOWN
300	4	9	36	2.5	3.8	11	1.2	4	6	4	2	0	0
301	6	6	17	1.0	3.0	6	1.0	6	0	0	0	0	0
302	2	4	4	2.0	1.0	4	1.0	4	0	0	0	0	0
310	6	6	28	1.0	5.0	4	0.7	4	0	0	0	0	0
311	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
312	2	2	94	1.0	50.0	2	1.0	0	2	2	0	0	0
313	4	6	11	1.5	2.0	6	1.0	0	6	2	4	0	0
314	8	8	30	1.0	4.0	8	1.0	2	6	4	2	0	0
315	2	4	4	2.0	1.0	4	1.0	0	4	2	2	0	0
316	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
317	2	2	11	1.0	6.0	2	1.0	0	2	2	0	0	0
318	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
319	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
320	6	13	38	2.3	2.9	13	1.0	11	2	0	2	0	0
321	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
322	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
323	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
324	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
325	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
326	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
327	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
328	2	2	15	1.0	8.0	2	1.0	2	0	2	0	0	0
329	2	2	9	1.0	5.0	2	1.0	2	0	0	0	0	0
330	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
331	4	4	8	1.0	2.0	4	1.0	2	2	2	0	0	0
332	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
333	6	24	73	4.3	3.0	30	1.2	19	6	2	4	0	0
340	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
341	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
350	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
360	9	9	23	1.0	2.4	8	0.8	2	6	4	2	0	0
361	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
362	2	2	2	1.0	1.0	2	1.0	0	2	0	2	0	0
370	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
380	6	21	71	3.7	3.5	23	1.1	4	0	8	9	2	0
390	11	13	53	1.2	4.0	13	1.0	8	6	2	2	2	0
391	8	8	11	1.0	1.5	8	1.0	6	2	0	2	0	0
392	11	17	28	1.5	1.7	17	1.0	4	13	0	13	0	0
393	6	8	8	1.3	1.0	6	0.8	6	0	0	0	0	0
3XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 3	75	167	574	2.2	3.4	171	1.0	83	62	34	45	4	0

CHASE STATISTICS

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/ HUNTER	AVERAGE HOURS/ CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/ CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	TOTAL TREED LIONS MALES	TOTAL TREED LIONS FEMALES	TOTAL TREED LIONS YOUNG	TOTAL TREED LIONS UNKNOWN
400	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
401	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
402	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
403	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
404	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
405	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
406	2	2	15	1.0	8.0	2	1.0	0	2	2	0	0	0
410	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
411	6	9	39	1.7	4.2	9	1.0	0	9	6	2	2	0
412	4	6	19	1.5	3.3	8	1.3	4	2	0	4	0	0
413	9	13	51	1.4	3.9	17	1.3	9	4	2	2	0	0
414	6	23	94	4.0	4.2	30	1.3	9	8	2	6	13	0
415	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
416	9	13	111	1.4	8.4	21	1.6	6	8	6	2	4	2
417	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
418	8	9	68	1.3	7.2	9	1.0	9	0	0	0	0	0
419	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
420	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
421	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
422	4	6	39	1.5	7.0	2	0.3	0	2	2	0	0	0
423	2	2	8	1.0	4.0	4	2.0	2	0	0	0	0	0
424	9	15	70	1.6	4.6	11	0.8	6	9	9	0	0	0
425	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
426	2	2	11	1.0	6.0	6	3.0	0	2	2	2	2	0
427	2	6	23	3.0	4.0	6	1.0	4	2	2	0	0	0
428	4	4	23	1.0	6.0	4	1.0	2	2	0	2	0	0
429	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
432	15	26	96	1.8	3.6	30	1.1	15	11	2	8	0	2
435	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
439	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
441	11	41	156	3.7	3.8	49	1.2	15	26	13	11	9	0
442	17	43	203	2.6	4.7	47	1.1	13	23	11	9	6	6
443	8	15	53	2.0	3.5	15	1.0	9	6	6	0	0	0
444	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
445	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
446	2	2	15	1.0	8.0	2	1.0	2	0	0	0	0	0
447	2	2	15	1.0	8.0	2	1.0	0	2	0	0	2	0
448	9	28	79	3.0	2.8	28	1.0	9	19	0	15	2	2
449	6	8	28	1.3	3.8	8	1.0	2	6	4	2	0	0
450	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
452	4	4	17	1.0	4.5	4	1.0	0	4	4	0	0	0
454	2	2	11	1.0	6.0	2	1.0	0	2	0	2	0	0
455	2	4	113	2.0	30.0	4	1.0	2	2	0	2	0	0
471	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
4XX	2	2	4	1.0	2.0	2	1.0	0	2	2	0	0	0
REGION 4	102	286	1359	2.8	4.8	320	1.1	118	150	73	68	39	11

CHASE STATISTICS

CHASE DISTRICT	TOTAL HUNTERS	TOTAL CHASES	TOTAL CHASE HOURS	AVERAGE CHASES/ HUNTER	AVERAGE HOURS/ CHASE	TOTAL LIONS CHASED	AVERAGE LIONS/ CHASE	TOTAL CHASES ABANDON	CHASES W LION TREED	TOTAL TREED LIONS MALES	TOTAL TREED LIONS FEMALES	TOTAL TREED LIONS YOUNG	TOTAL TREED LIONS UNKNOWN
500	2	2	8	1.0	4.0	2	1.0	0	2	2	0	0	0
502	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
510	8	8	9	1.0	1.3	15	2.0	4	4	0	4	4	0
511	6	11	24	2.0	2.2	17	1.5	8	4	2	2	0	0
520	21	92	243	4.5	2.6	130	1.4	41	51	23	17	15	15
530	4	4	15	1.0	4.0	4	1.0	0	4	4	0	0	0
540	13	39	105	3.0	2.7	45	1.1	24	15	8	8	4	0
560	21	38	113	1.8	3.0	60	1.6	17	21	6	15	17	2
570	2	17	109	9.0	6.4	23	1.3	6	9	2	6	9	0
575	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
580	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
590	4	4	2	1.0	0.5	2	0.5	2	0	0	0	0	0
5XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 5	73	214	628	2.9	2.9	297	1.4	102	109	45	51	49	17
6XX	2	4	9	2.0	2.5	8	2.0	2	2	2	0	0	0
REGION 6	2	4	9	2.0	2.5	8	2.0	2	2	2	0	0	0
700	2	8	39	4.0	5.3	8	1.0	8	0	0	0	0	8
701	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
702	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
703	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
704	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
705	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
7XX	0	0	0	0.0	0.0	0	0.0	0	0	0	0	0	0
REGION 7	2	8	39	4.0	5.3	8	1.0	8	0	0	0	0	8
XXX	19	43	141	2.3	3.3	53	1.2	13	30	17	17	0	4
STATE	472	1422	5408	3.0	3.8	1704	1.2	534	825	378	408	231	83

ANALYSIS SUMMARY STATISTICS

TOTAL LION LICENSES SOLD:	1320
RESPONSE RECORDS PROCESSED:	702
CONSTANT EXPANSION FACTOR:	1.88

TOTAL WHO HUNTED:	673
TOTAL WHO HUNTED ONLY:	203
TOTAL WHO CHASED:	472
TOTAL WHO CHASED ONLY:	2
TOTAL WHO HUNTED OR CHASED:	675
TOTAL WHO HUNTED AND CHASED:	470

MONTANA DEPARTMENT OF FISH, WILDLIFE & PARKS

1988-1989 TRAPPING AND FUR HARVEST REPORT

JANUARY 3, 1990

PREFACE

Survey Approach

A trapping and fur harvest questionnaire was mailed to all resident and nonresident Trapper license holders. Questionnaires were returned from 1,263 (41%) of the 3,047 people who purchased a trapper licneses during the 1988-1989 trapping season. Expanded estimates of trapping and harvest activities were made from the returned sample.

Definitions

MEAN CATCH.....Total catch divided by number of trappers
MEAN EFFORT.....Total trap days divided by number of trappers
PERCENT COMPOSITION...Catch for each species divided by total catch for all species and multiplied by 100
TRAPPER DAYS.....Total number of days trappers had one or more traps set

Explanations

The relative precision of the estimate increases with the size of the estimate. Regional estimates have greater relative precision than district estimates and the statewide estimates have the greatest relative precision.

1988-1989 TRAPPING AND FUR HARVEST REPORT

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: BEAVER

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	10	43	4.5	24
103	43	106	2.4	34
110	43	89	2.1	7
130	5	34	7.0	22
1XX	5	7	1.5	0
REGION 1	106	280	2.6	87
201	46	217	4.7	53
202	51	236	4.7	53
203	19	152	7.9	0
204	22	104	4.8	0
205	12	145	12.0	51
206	7	55	7.7	0
2XX	36	159	4.4	41
REGION 2	193	1069	5.5	198
300	14	111	7.7	0
301	7	43	6.0	24
302	29	483	16.7	12
303	7	159	22.0	0
304	17	82	4.9	24
305	12	63	5.2	0
306	2	5	2.0	0
307	10	39	4.0	0
308	10	58	6.0	0
309	29	138	4.8	0
3XX	12	92	7.6	0
REGION 3	150	1271	8.5	60

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: BEAVER

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
401	34	287	8.5	0
402	31	446	14.2	19
403	27	343	12.9	111
404	12	147	12.2	0
405	34	386	11.4	72
407	46	555	12.1	10
408	80	1146	14.4	12
4XX	12	101	8.4	0
REGION 4	275	3411	12.4	224
500	31	403	12.8	0
501	22	169	7.8	7
502	39	179	4.6	0
503	12	80	6.6	0
5XX	12	77	6.4	0
REGION 5	116	907	7.8	7
600	43	1011	23.3	97
6XX	2	2	1.0	0
REGION 6	46	1013	22.1	97
700	89	569	6.4	82
7XX	0	0	0.0	0
REGION 7	89	569	6.4	82
XXX	39	466	12.1	0
STATE	1013	8987	8.9	755

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: MINK

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	5	5	1.0	0
103	43	101	2.3	22
110	36	171	4.7	51
130	2	65	27.0	65
1XX	5	24	5.0	0
REGION 1	92	367	4.0	138
201	27	232	8.7	48
202	39	157	4.1	31
203	0	0	0.0	0
204	10	34	3.5	0
205	5	75	15.5	51
206	2	12	5.0	0
2XX	27	55	2.1	10
REGION 2	109	565	5.2	140
300	5	31	6.5	29
301	2	53	22.0	53
302	34	280	8.3	0
303	0	0	0.0	0
304	10	10	1.0	2
305	5	17	3.5	0
306	2	7	3.0	0
307	10	94	9.8	58
308	7	97	13.3	0
309	24	138	5.7	0
3XX	10	53	5.5	0
REGION 3	109	779	7.2	142

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: MINK

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
401	5	10	2.0	0
402	24	55	2.3	7
403	17	68	4.0	39
404	7	29	4.0	0
405	24	65	2.7	19
407	22	92	4.2	12
408	46	80	1.7	0
4XX	10	12	1.3	0
REGION 4	154	410	2.7	77
500	17	43	2.6	0
501	19	58	3.0	5
502	12	24	2.0	10
503	7	5	0.7	0
5XX	5	14	3.0	0
REGION 5	60	145	2.4	14
600	19	164	8.5	70
6XX	0	0	0.0	0
REGION 6	19	164	8.5	70
700	53	273	5.1	123
7XX	0	0	0.0	0
REGION 7	53	273	5.1	123
XXX	94	446	4.7	68
STATE	690	3148	4.6	772

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: MUSKRAT

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	2	145	60.0	0
103	46	1332	29.1	200
110	27	680	25.6	364
130	10	331	34.3	48
1XX	5	92	19.0	0
REGION 1	89	2579	28.9	613
201	27	801	30.2	121
202	48	2152	44.6	1414
203	5	565	117.0	0
204	22	951	43.8	0
205	10	668	69.3	408
206	7	227	31.3	0
2XX	43	1795	41.3	524
REGION 2	162	7158	44.3	2466
300	7	220	30.3	193
301	2	145	60.0	0
302	53	2017	38.0	24
303	2	14	6.0	0
304	12	680	56.4	22
305	7	106	14.7	0
306	2	5	2.0	0
307	14	738	51.0	565
308	7	72	10.0	0
309	27	622	23.5	0
3XX	14	2128	147.0	0
REGION 3	150	6748	45.1	803

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: MUSKRAT

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
401	17	145	8.6	0
402	24	273	11.3	0
403	17	391	23.1	229
404	5	31	6.5	0
405	27	335	12.6	0
407	14	154	10.7	0
408	55	1279	23.0	0
4XX	10	106	11.0	0
REGION 4	169	2714	16.1	229
500	17	384	22.7	17
501	17	138	8.1	41
502	34	840	24.9	60
503	5	29	6.0	0
5XX	7	92	12.7	0
REGION 5	80	1481	18.6	118
600	19	263	13.6	36
6XX	0	0	0.0	0
REGION 6	19	263	13.6	36
700	55	622	11.2	181
7XX	0	0	0.0	0
REGION 7	55	622	11.2	181
XXX	109	2200	20.3	251
STATE	832	23766	28.6	4697

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: BADGER

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	2	10	4.0	0
103	7	2	0.3	0
110	12	10	0.8	7
130	0	0	0.0	0
1XX	2	0	0.0	0
REGION 1	24	22	0.9	7
201	7	7	1.0	0
202	12	7	0.6	0
203	0	0	0.0	0
204	12	22	1.8	0
205	2	19	8.0	0
206	2	2	1.0	0
2XX	24	22	0.9	0
REGION 2	60	80	1.3	0
300	2	2	1.0	0
301	0	0	0.0	0
302	14	5	0.3	0
303	2	12	5.0	0
304	5	29	6.0	5
305	2	2	1.0	0
306	0	0	0.0	0
307	5	5	1.0	0
308	10	14	1.5	0
309	7	12	1.7	0
3XX	10	60	6.3	0
REGION 3	58	142	2.5	5

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: BADGER

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
401	22	109	5.0	24
402	22	84	3.9	0
403	17	12	0.7	0
404	5	5	1.0	2
405	17	191	11.3	140
407	12	39	3.2	5
408	34	51	1.5	0
4XX	10	53	5.5	0
REGION 4	138	543	3.9	171
500	17	46	2.7	0
501	12	24	2.0	7
502	12	10	0.8	0
503	2	2	1.0	0
5XX	5	10	2.0	0
REGION 5	48	92	1.9	7
600	14	77	5.3	5
6XX	0	0	0.0	0
REGION 6	14	77	5.3	5
700	80	528	6.6	318
7XX	0	0	0.0	0
REGION 7	80	528	6.6	318
XXX	41	128	3.1	17
STATE	463	1612	3.5	531

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: COYOTE

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	7	125	17.3	84
103	24	46	1.9	5
110	17	27	1.6	5
130	5	19	4.0	0
1XX	5	7	1.5	0
REGION 1	58	224	3.9	94
201	14	72	5.0	29
202	31	113	3.6	68
203	5	31	6.5	0
204	12	65	5.4	0
205	17	169	10.0	7
206	5	24	5.0	0
2XX	29	101	3.5	29
REGION 2	113	577	5.1	133
300	5	12	2.5	10
301	0	0	0.0	0
302	17	323	19.1	0
303	0	0	0.0	0
304	14	31	2.2	0
305	7	92	12.7	0
306	2	2	1.0	0
307	12	48	4.0	0
308	12	94	7.8	0
309	31	290	9.2	0
3XX	14	162	11.2	0
REGION 3	116	1054	9.1	10

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: COYOTE

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
401	43	702	16.2	133
402	22	99	4.6	2
403	17	53	3.1	0
404	14	138	9.5	43
405	34	656	19.4	147
407	29	285	9.8	24
408	63	357	5.7	0
4XX	10	203	21.0	0
REGION 4	232	2492	10.8	350
500	41	200	4.9	0
501	24	147	6.1	17
502	17	118	7.0	7
503	7	22	3.0	0
5XX	5	10	2.0	0
REGION 5	94	497	5.3	24
600	27	408	15.4	43
6XX	0	0	0.0	0
REGION 6	27	408	15.4	43
700	133	1843	13.9	902
7XX	0	0	0.0	0
REGION 7	133	1843	13.9	902
XXX	104	743	7.2	222
STATE	876	7838	9.0	1778

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: FOX

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	0	0	0.0	0
103	5	0	0.0	0
110	5	7	1.5	7
130	0	0	0.0	0
1XX	5	43	9.0	0
REGION 1	14	51	3.5	7
201	7	14	2.0	0
202	31	75	2.4	5
203	0	0	0.0	0
204	10	51	5.3	0
205	5	14	3.0	0
206	0	0	0.0	0
2XX	19	24	1.3	5
REGION 2	72	179	2.5	10
300	0	0	0.0	0
301	0	0	0.0	0
302	31	181	5.8	0
303	2	5	2.0	0
304	17	80	4.7	2
305	5	36	7.5	0
306	2	2	1.0	0
307	7	10	1.3	0
308	10	63	6.5	0
309	14	176	12.2	0
3XX	7	666	92.0	0
REGION 3	97	1218	12.6	2

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: FOX

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
401	34	384	11.4	5
402	14	46	3.2	0
403	17	27	1.6	0
404	7	14	2.0	5
405	19	116	6.0	24
407	14	46	3.2	5
408	41	309	7.5	0
4XX	12	89	7.4	0
REGION 4	159	1030	6.5	39
500	29	109	3.8	7
501	27	374	14.1	19
502	31	338	10.8	39
503	10	39	4.0	0
5XX	10	55	5.8	0
REGION 5	106	914	8.6	65
600	29	712	24.6	275
6XX	2	72	30.0	0
REGION 6	31	784	25.0	275
700	130	4683	35.9	3018
7XX	0	0	0.0	0
REGION 7	130	4683	35.9	3018
XXX	84	470	5.6	210
STATE	695	9329	13.4	3626

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: RACCOON

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	0	0	0.0	0
103	17	36	2.1	2
110	14	51	3.5	7
130	7	12	1.7	0
1XX	5	29	6.0	0
REGION 1	43	128	2.9	10
201	14	27	1.8	19
202	36	84	2.3	19
203	2	2	1.0	0
204	7	5	0.7	0
205	7	27	3.7	19
206	5	7	1.5	0
2XX	17	41	2.4	31
REGION 2	89	193	2.2	89
300	2	12	5.0	12
301	0	0	0.0	0
302	19	68	3.5	0
303	0	0	0.0	0
304	12	41	3.4	10
305	5	31	6.5	0
306	0	0	0.0	0
307	10	43	4.5	0
308	7	106	14.7	0
309	17	97	5.7	0
3XX	10	53	5.5	0
REGION 3	82	451	5.5	22

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: RACCOON

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
401	19	101	5.3	19
402	17	113	6.7	0
403	22	239	11.0	113
404	5	24	5.0	0
405	24	142	5.9	89
407	19	101	5.3	12
408	65	302	4.6	0
4XX	7	17	2.3	0
REGION 4	179	1040	5.8	234
500	27	130	4.9	0
501	27	171	6.5	19
502	34	338	10.0	58
503	12	159	13.2	80
5XX	7	48	6.7	0
REGION 5	106	847	8.0	157
600	36	321	8.9	70
6XX	0	0	0.0	0
REGION 6	36	321	8.9	70
700	84	943	11.2	372
7XX	0	0	0.0	0
REGION 7	84	943	11.2	372
XXX	97	562	5.8	99
STATE	717	4485	6.3	1052

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: SKUNK

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	2	2	1.0	0
103	12	36	3.0	0
110	10	24	2.5	0
130	0	0	0.0	0
1XX	5	39	8.0	0
REGION 1	29	101	3.5	0
201	7	24	3.3	0
202	22	116	5.3	0
203	0	0	0.0	0
204	7	19	2.7	0
205	7	31	4.3	0
206	5	36	7.5	0
2XX	22	34	1.6	5
REGION 2	70	261	3.7	5
300	5	5	1.0	0
301	0	0	0.0	0
302	19	36	1.9	0
303	0	0	0.0	0
304	2	10	4.0	0
305	2	5	2.0	0
306	0	0	0.0	0
307	7	19	2.7	0
308	7	17	2.3	0
309	7	17	2.3	0
3XX	7	280	38.7	0
REGION 3	58	388	6.7	0

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: SKUNK

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
401	17	123	7.3	0
402	19	87	4.5	14
403	17	63	3.7	5
404	2	2	1.0	0
405	17	244	14.4	0
407	10	27	2.8	0
408	43	473	10.9	0
4XX	10	34	3.5	0
REGION 4	135	1052	7.8	19
500	14	413	28.5	0
501	22	372	17.1	97
502	24	270	11.2	0
503	10	87	9.0	0
5XX	5	2	0.5	0
REGION 5	75	1144	15.3	97
600	19	239	12.4	0
6XX	0	0	0.0	0
REGION 6	19	239	12.4	0
700	58	1047	18.1	647
7XX	0	0	0.0	0
REGION 7	58	1047	18.1	647
XXX	60	511	8.5	48
STATE	504	4743	9.4	815

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: WEASEL

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
100	7	46	6.3	0
103	12	29	2.4	22
110	5	51	10.5	48
130	2	55	23.0	55
1XX	2	0	0.0	0
REGION 1	29	181	6.3	125
201	14	31	2.2	2
202	19	31	1.6	10
203	0	0	0.0	0
204	2	2	1.0	0
205	5	10	2.0	7
206	2	7	3.0	0
2XX	17	48	2.9	2
REGION 2	60	130	2.2	22
300	0	0	0.0	0
301	0	0	0.0	0
302	14	41	2.8	0
303	0	0	0.0	0
304	0	0	0.0	0
305	2	2	1.0	0
306	7	48	6.7	0
307	7	17	2.3	0
308	2	10	4.0	0
309	5	14	3.0	0
3XX	5	17	3.5	0
REGION 3	43	150	3.4	0

TRAPPERS, CATCH, AND SALES OUTSIDE OF MONTANA

SPECIES TRAPPED: WEASEL

DISTRICT	TRAPPERS	TOTAL CATCH	MEAN CATCH	FURS SOLD
401	2	0	0.0	0
402	5	0	0.0	0
403	10	7	0.8	0
404	2	5	2.0	0
405	12	19	1.6	0
407	7	2	0.3	0
408	27	46	1.7	0
4XX	5	0	0.0	0
REGION 4	70	80	1.1	0
500	7	17	2.3	0
501	10	5	0.5	2
502	5	0	0.0	0
503	2	0	0.0	0
5XX	2	0	0.0	0
REGION 5	27	22	0.8	2
600	12	7	0.6	0
6XX	0	0	0.0	0
REGION 6	12	7	0.6	0
700	24	0	0.0	0
7XX	0	0	0.0	0
REGION 7	24	0	0.0	0
XXX	31	106	3.4	0
STATE	297	676	2.3	150

PERCENT COMPOSITION OF CATCH

DISTRICT	BEAVER	MINK	MUSKRAT	BADGER	COYOTE	FOX	RACCOON	SKUNK	WEASEL
100	11.5	1.3	38.5	2.6	33.3	0.0	0.0	0.6	12.2
103	6.3	6.0	78.9	0.1	2.7	0.0	2.1	2.1	1.7
110	8.0	15.4	61.3	0.9	2.4	0.7	4.6	2.2	4.6
130	6.5	12.6	64.0	0.0	3.7	0.0	2.3	0.0	10.7
1XX	3.0	10.0	38.0	0.0	3.0	18.0	12.0	16.0	0.0
REGION 1	7.1	9.3	65.6	0.6	5.7	1.3	3.3	2.6	4.6
201	15.2	16.2	56.2	0.5	5.1	1.0	1.9	1.7	2.2
202	8.0	5.3	72.4	0.2	3.8	2.5	2.8	3.9	1.1
203	20.3	0.0	75.2	0.0	4.2	0.0	0.3	0.0	0.0
204	8.3	2.7	75.9	1.7	5.2	4.0	0.4	1.5	0.2
205	12.5	6.5	57.7	1.7	14.6	1.3	2.3	2.7	0.8
206	14.9	3.2	61.0	0.6	6.5	0.0	1.9	9.7	1.9
2XX	7.0	2.4	78.7	1.0	4.4	1.1	1.8	1.5	2.1
REGION 2	10.5	5.5	70.1	0.8	5.6	1.7	1.9	2.6	1.3
300	28.2	8.0	55.8	0.6	3.1	0.0	3.1	1.2	0.0
301	18.0	22.0	60.0	0.0	0.0	0.0	0.0	0.0	0.0
302	14.1	8.2	58.7	0.1	9.4	5.3	2.0	1.1	1.2
303	83.5	0.0	7.6	6.3	0.0	2.5	0.0	0.0	0.0
304	8.5	1.0	70.7	3.0	3.3	8.3	4.3	1.0	0.0
305	17.7	4.8	29.9	0.7	25.9	10.2	8.8	1.4	0.7
306	6.9	10.3	6.9	0.0	3.4	3.4	0.0	0.0	69.0
307	3.8	9.3	72.9	0.5	4.8	1.0	4.3	1.9	1.7
308	10.9	18.2	13.6	2.7	17.7	11.8	20.0	3.2	1.8
309	9.1	9.1	41.4	0.8	19.3	11.7	6.4	1.1	1.0
3XX	2.6	1.5	60.6	1.7	4.6	19.0	1.5	8.0	0.5
REGION 3	10.4	6.4	55.3	1.2	8.6	10.0	3.7	3.2	1.2

PERCENT COMPOSITION OF CATCH

DISTRICT	BEAVER	MINK	MUSKRAT	BADGER	COYOTE	FOX	RACCOON	SKUNK	WEASEL
401	6.3	6.0	78.9	0.1	2.7	0.0	2.1	2.1	1.7
402	37.1	4.6	22.6	7.0	8.2	3.8	9.4	7.2	0.0
403	28.5	5.6	32.5	1.0	4.4	2.2	19.9	5.2	0.6
404	37.2	7.3	7.9	1.2	34.8	3.7	6.1	0.6	1.2
405	17.9	3.0	15.6	8.8	30.5	5.4	6.6	11.3	0.9
407	42.7	7.1	11.9	3.0	21.9	3.5	7.8	2.0	0.2
408	28.4	2.0	31.6	1.3	8.8	7.6	7.5	11.7	1.1
4XX	16.5	2.0	17.3	8.6	32.9	14.5	2.7	5.5	0.0
REGION 4	26.7	3.2	21.3	4.3	19.5	8.1	8.1	8.2	0.6
500	23.1	2.5	22.0	2.6	11.5	6.2	7.5	23.7	1.0
501	11.6	4.0	9.4	1.7	10.1	25.7	11.8	25.5	0.3
502	8.4	1.1	39.7	0.5	5.6	16.0	16.0	12.8	0.0
503	18.9	1.1	6.9	0.6	5.1	9.1	37.7	20.6	0.0
5XX	25.0	4.7	29.7	3.1	3.1	18.0	15.6	0.8	0.0
REGION 5	15.0	2.4	24.5	1.5	8.2	15.1	14.0	18.9	0.4
600	31.6	5.1	8.2	2.4	12.7	22.2	10.0	7.5	0.2
6XX	3.2	0.0	0.0	0.0	0.0	96.8	0.0	0.0	0.0
REGION 6	30.9	5.0	8.0	2.4	12.4	23.9	9.8	7.3	0.2
700	5.4	2.6	5.9	5.0	17.5	44.6	9.0	10.0	0.0
7XX	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0
REGION 7	5.4	2.6	5.9	5.0	17.5	44.6	9.0	10.0	0.0
XXX	8.3	7.9	39.1	2.3	13.2	8.4	10.0	9.1	1.9
STATE	13.9	4.9	36.8	2.5	12.1	14.4	6.9	7.3	1.0

ANALYSIS SUMMARY STATISTICS

TOTAL TRAPPERS:	1846
TOTAL TRAPPER DAYS:	70339
TOTAL TRAP DAYS:	3554221
TOTAL CATCH ALL SPECIES:	64583
MEAN CATCH ALL SPECIES:	34.99
MEAN EFFORT:	38.11
TOTAL OUTSIDE SELLERS:	265

TOTAL LEGHOLD TRAPS:	32979	PERCENT OF TRAPS:	58.0
TOTAL SNARES:	12786	PERCENT OF TRAPS:	22.5
TOTAL CONIBEAR TRAPS:	11112	PERCENT OF TRAPS:	19.5
TOTAL TRAPS:	56877		

TOTAL TRAPPING LICENSES SOLD:	3047
RESPONSE RECORDS PROCESSED:	1263
CONSTANT EXPANSION FACTOR:	2.41

NOTES:

TOTAL TRAPPER DAYS = SUM OF TRAPPERS TIMES DAYS TRAPPED
TOTAL TRAP DAYS = SUM OF TRAPS TIMES DAYS SET
MEAN CATCH = TOTAL CATCH / TOTAL TRAPPERS
MEAN EFFORT = TOTAL TRAPPER DAYS / TOTAL TRAPPERS
TOTAL OUTSIDE SELLERS = TRAPPERS WHO SOLD FURS OUTSIDE MONTANA